

**The Crambinae in the Brackenridge Clemens  
Memorial Collection of the Academy of  
Natural Sciences of Philadelphia<sup>1</sup>  
(Lepidoptera: Pyralidae).**

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Philadelphia.

This paper deals especially with the North American species, which are represented in our collection by approximately two-thirds of the known species. A list of European species contained in our collection is also given. The tropical and neotropical species in our collection have not yet been studied by us.

We are desirous of building up our collection of Microlepidoptera, and this paper is the first of a series which will show to other Institutions and specialists just what we have, and from which it will be easy to see what we lack, and we invite correspondence with anyone who can furnish us with any species or sub-species which are not represented in our collection, with the view of obtaining such forms either by exchange or otherwise.

For specimens of like value we will give paratypes and other typical material in exchange.

We are citing in this paper all the types in our collection of forms here dealt with, including the designation of a number of forms of which we have selected single types (lectotypes) from larger series of cotypes. We have also noted all paratypes as well as specimens compared with types, and by whom compared.

Students of this group, as well as other groups which have been studied by us, are invited to consult our collections, and material sent to us for determination will be promptly returned, retaining only such species which are new to our collection.

The sequence of species and nomenclature here used, is that of Barnes and McDunnough's List<sup>2</sup>, with such changes as were made by Dyar and Heinrich<sup>3</sup> and the elimination of the genera

<sup>1</sup> Published by the aid of the Brackenridge Clemens Memorial Fund.

<sup>2</sup> Check List of the Lepidoptera of Boreal America, Decatur, Illinois, 1917.

<sup>3</sup> The American Moths of the genus *Diatraea* and allies, by Harrison G. Dyar and Carl Heinrich. Proceedings of the U. S. National Museum, Vol. 71, pp. 1-48, 1927.

*Chalcoela* and *Dicymolomia*, which Forbes<sup>4</sup> has placed with the Glaphyriinae.

The European species are arranged according to Arnold Spuler<sup>5</sup>, *Die sogenannten Kleinschmetterlinge Europas*.

MESOLIA BABOQUIVARIELLA (Kearfott).

ARIZONA: Nogales, July 4-7, 1903 (E. J. Oslar) [6; compared with type, Kearfott.].

MESOLIA ORACULELLA Kearfott.

ARIZONA: Oracle, July 3, 1905 (E. J. Oslar) [6; Topotypes].

MESOLIA HUACHUCAELLA Kearfott.

ARIZONA: Phoenix, August (Kunze) [♀; Lectotype, A. N. S. P., no. 7189, by present designation]. Globe, August 25 (Kunze) [1; Paratype].

PRIONAPTERYX NEBULIFERA Stephens.

NEW JERSEY: Brown's Mills Junction, July 21, 1907 (E. Daecke); Manumuskin, June 23, 1902 (E. Daecke) [2].

PRIONAPTERYX ACHATINA ZELLER.

NEW JERSEY: Holly Beach, July 10, 1904 (F. Haimbach) [1]. Seaside Park, July 12, 1911 (F. Weigand) [5].

PRIONAPTERYX CUNEOLALIS (Hulst).

NEW JERSEY: Five Mile Beach, July 31 (F. Haimbach) [1]. Wenonah, July 15 and August 24 (F. Haimbach) [2].

EUGROTEA YAVAPAI Kearfott.

ARIZONA: Yavapai County [Lectotype, A. N. S. P., no. 7190, by present designation].

PSEUDOSCHOENOBIVS OPALESCALIS (Hulst).

COLORADO: Clear Creek, July 13, 1914 (E. J. Oslar) [1].  
UTAH: Vineyard, May 16 and August 6, 1917 (Tom Spalding) [3].

RAPHIPTERA MINIMELLA (Robinson).

MASSACHUSETTS: Bedford, August 25, 1907 [1].  
PENNSYLVANIA: "Penn." [Type, A. N. S. P., no. 7447; same data, 1 Paratype]. Philadelphia, September 5 (F. Haimbach) [1].

<sup>4</sup> The Lepidoptera of New York and Neighboring States. Cornell University Agricultural Station, Memoir 68, 1923.

<sup>5</sup> Stuttgart, 1913.

NEW JERSEY: Lucaston, September 9 and 14 (F. Haimbach) [2]. Wenonah, May 15, 1910 (F. Haimbach) [1]. Cape May Point, July 24, 1915 (F. Haimbach) [1].

FLORIDA: Melbourne, March, 1907 (P. Laurent) [1]. Daytona, March, 1907 (P. Laurent) [1].

RAPHIPTERA ARGILLACEELLA (Packard).

CANADA: Ontario, Mer Bleue, June 22 [1].

CRAMBUS SATRAPELLUS Zincken.

NEW JERSEY: Lucaston, August 17 and September 7 (F. Haimbach) [5]. Wenonah, August 21 (F. Haimbach) [1]. Cape May Point, August 1, 1918 (F. Haimbach) [2].

GEORGIA: Thomasville, April 3, 1903 (M. Hebard) [1].

CRAMBUS HASTIFERELLUS Walker.

NEW JERSEY: Sea Isle City, September 5, 1908 (F. Haimbach) [7]. Anglesea, August 3, 1906 (F. Haimbach) [1]. Holly Beach, July 11 (F. Haimbach) [1].

FLORIDA: Dunedin, February 5, 1927 (W. S. Blatchley) [1]. Daytona, March (P. Laurent) [1].

CRAMBUS HAMELLUS (Thunberg).

CANADA: Manitoba, Cartwright, August 31-September 16, 1910 (J. F. Heath) [10]. British Columbia, Wellington, August 20, 1903 [1].

CRAMBUS CYPRIDALIS Hulst.

WASHINGTON: Pullman, September 27, 1898 (C. V. Piper) [2].

NEW MEXICO: Jemez Mountains, 64-6600 feet, September 9 (J. Woodgate) [10].

CRAMBUS PASCUELLUS (Linnaeus).

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [2]. Monmouth, June 25-26, 1906 [2].

NEW HAMPSHIRE: New London, June 17-19, 1929 (M. M. Cary) [1].

MASSACHUSETTS: Hyde Park, July 12, 1910 (F. Haimbach) [1].

NORTH CAROLINA: Black Mountains, July 2, 1912 (W. Beutenmuller) [1].

COLORADO: Chimney Gulch, Golden, September 10, 1907 (E. J. Oslar) [3].

UTAH: Vineyard, July 11, 1917 (Tom Spalding) [2].

## CRAMBUS LYONSELLUS Haimbach.

NEW YORK: Katonah, West Chester County, July (W. Beutenmuller) [♂; Type A. N. S. P., no. 7182]. Same locality, June (W. Beutenmuller) [Paratype, 1].

## CRAMBUS DAECKELLUS Haimbach.

NEW JERSEY: Brown's Mills Junction, May 30, 1906 (E. Daecke) [♀; Type A. N. S. P., no. 7183]. Clementon, May 24, 1908 (F. Haimbach) [1].

## CRAMBUS GIRARDELLUS Clemens.

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [1]. Monmouth, June 26, 1916 (C. A. Frost) [1].

NEW HAMPSHIRE: New London, June 20-July 11; August 10-20 (M. M. Cary) [2].

MASSACHUSETTS: "Mass." (C. Girard) [Type, A. N. S. P., no. 7293]. Hyde Park, July 15, 1910 (F. Haimbach) [1]. Bedford, July 14, 1907 (L. W. Swett) [1].

PENNSYLVANIA: Lower Merion Township, Montgomery County, July 15-28 (F. Haimbach) [2]. Philadelphia, July 12, 1906 (F. Haimbach) [1]. Philadelphia (H. Hornig) [2]. Roxboro, Philadelphia, July 9 and 21 (F. Haimbach) [2]. Fairmount Park, Philadelphia, July 12, 1906 (F. Haimbach) [1]. Clark's Ferry, July 4, 1915 (F. Haimbach) [2]. Weaver, July 21, 1917 (F. Haimbach) [1]. North Mountain, July 17 (H. W. Wenzel) [1].

VIRGINIA: "Va.", ♀ [1].

NORTH CAROLINA: Black Mountains, July 3, 1912 (W. Beutenmuller) [1].

SOUTH DAKOTA: Volga [1].

## CRAMBUS LEACHELLUS (Zincken).

PENNSYLVANIA: Philadelphia, July 23 (F. Haimbach) [1]. Broomall, September 18, 1910 (F. Haimbach) [2].

NEW JERSEY: Lucaston, July 9-15 (F. Haimbach) [17].

VIRGINIA: Hot Springs, July 17-21, 1916, at light (M. Hebard) [2].

NEW MEXICO: Jemez Mountains, 6400 feet, July 14, 1917 (J. Woodgate) variety [1].

ILLINOIS: Chicago [1].

## CRAMBUS UNISTRIATELLUS Packard.

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [8].

COLORADO: Denver (E. J. Oslar) [7].

## CRAMBUS PRAEFECTELLUS (Zincken).

*Crambus involutellus* Clemens, without data. [Type, A. N. S. P., no. 7294].

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [3].

NEW HAMPSHIRE: New London, August 10-September 10, 1928 (M. M. Cary) [2].

MASSACHUSETTS: Framingham, May 9, 1925; June 27 and July 14, 1906 [3]. Everett, August 5, 1901 [1]. Hyde Park, August 22, 1907 (F. Haimbach) [2].

PENNSYLVANIA: Philadelphia, May 18-21, June 1, July 19 (F. Haimbach) [4]. Roxboro, Philadelphia, May 6-18, June 6-21, July 19 (F. Haimbach) [10]. Lower Merion Township, Montgomery County, May 4, 1916, July 26, 1921 (F. Haimbach) [2]. Perkasie, June 16 (F. Haimbach) [1].

NEW JERSEY: Sea Isle City, September 5, 1908 (F. Haimbach) [1]. Five Mile Beach, August 3-12, 1906 (F. Haimbach) [2]. Cape May Point, August 1, 1918 (F. Haimbach) [1]. Lucaston, September 11 (F. Haimbach) [1].

TEXAS: May 22 (no. 22, 1).

## CRAMBUS OSLARELLUS Haimbach.

COLORADO: Clear Creek, July 3, 1907 (E. J. Oslar) [♀; Type A. N. S. P., no. 7184]. Same data [♂; Allotype]. Same data [Paratypes, 2].

## CRAMBUS YOUNGELLUS Kearfott.

CANADA: Ontario, Mer Bleue, July 3, 1907 (C. H. Young) [Lectotype, A. N. S. P., no. 7191, by present designation].

## CRAMBUS BIDENS Zeller.

CANADA: Ottawa, July 13-14, 1906 (C. H. Young) [2].

MAINE: Greenville, July 21-29, 1921 (F. Haimbach) [2].

NEW HAMPSHIRE: New London, August 10-30, 1928 (M. M. Cary) [3].

MASSACHUSETTS: Hyde Park, July 12, 1910 (F. Haimbach) [2].

PENNSYLVANIA: Lower Merion Township, Montgomery County, July 4, 1917 (F. Haimbach) [1].

NEW JERSEY: Wenonah, June 23, 1912 (F. Haimbach) [4].

## CRAMBUS ALBOCLAVELLUS Zeller.

MAINE: Greenville, July 21-29, 1921 (F. Haimbach) [2].

NEW HAMPSHIRE: New London, June 17-19, 1929 (M. M. Cary) [1].

MASSACHUSETTS: Bedford, July 14, 1907 (C. W. Frost) [2]. Framingham, July 16, 1906 [1].

NEW YORK: Katonah, Westchester County, June, July, 1915 (W. Beutenmuller) [2].

PENNSYLVANIA: Philadelphia, June 9-25, July 8, 1914 (F. Haimbach) [7]. Roxboro, Philadelphia, June 13-27, July 2-21 (F. Haimbach) [19]. Lower Merion Township, Montgomery County, July 4-29, August 7, 1916 (F. Haimbach) [11]. Swarthmore, July 9, 1924 (E. T. Cresson, Jr.) [1]. Langhorne, July 10-11, 1922 (F. Haimbach) [8]. Weaver, July 21, 1917 (F. Haimbach) [7].

NEW JERSEY: Wenonah, June 23, 1912, July 20 (F. Haimbach) [4]. Cape May Point, July 3-26 (F. Haimbach) [4]. Five Mile Beach, July 31 (F. Haimbach) [1].

NORTH CAROLINA: Black Mountains, July 14-August 10, 1912 (W. Beutenmuller) [4].

CRAMBUS CAROLINELLUS Haimbach.

MARYLAND: Plummers Island, July 21, 1919 (G. M. Greene) [1].

VIRGINIA: Hot Springs, July 17, 1916 (M. Hebard) [1].

WEST VIRGINIA: "W. Va." [3].

NORTH CAROLINA: Black Mountains, July 19, 1912 (W. Beutenmuller) [♂; Type A. N. S. P., no. 7185]. Same location, June 21-July 19, 1912 (W. Beutenmuller) [11 paratypes].

CRAMBUS AGITATELLUS Clemens.

Without data [Type, A. N. S. P., no. 7287].

MAINE: Monmouth, June 26, 1905 [1].

MASSACHUSETTS: Bedford, July 1, 1917 [1].

PENNSYLVANIA: Philadelphia, June 12 (F. Haimbach) [1]. Roxboro, Philadelphia, June 13, 1907, August 11 (F. Haimbach) [11]. Rockville, July 5, 1915 (F. Haimbach) [2]. Clark's Ferry, July 4, 1915 (F. Haimbach) [1].

NEW JERSEY: Wenonah, June 23, 1915 (F. Haimbach) [2].

CRAMBUS MYELLUS (Hübner).

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [1].

NEW HAMPSHIRE: New London, August 10-September 10, 1928 (M. M. Cary) [2].

CRAMBUS LAQUEATELLUS Clemens.

Without data [Type, A. N. S. P., no. 7295].

MASSACHUSETTS: Framingham, June 5-10, 1906 (C. A. Frost) [2].

PENNSYLVANIA: Philadelphia, May 14-18 (F. Haimbach) [3]. Roxboro, Philadelphia, May 19-June 9 (F. Haimbach) [13]. Lower Merion Township, Montgomery County, May 28-31 (F. Haimbach) [2]. Buckmanville, Bucks County, May 21-22 (F. Haimbach) [4]. Toughkenamon, Chester County, May 29-31 (E. G. Vanatta) [2].

NEW JERSEY: Wenonah, May 24 (F. Haimbach) [1].

OHIO: Cleveland [1].

*CRAMBUS MULTILINEELLUS* Fernald.

FLORIDA: "Fla." [1].

*CRAMBUS HORTUELLUS* (Hübner).

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [2]. Monmouth, July 1, 1905 [1].

MASSACHUSETTS: Hyde Park, July 8-12, 1910, and August 22, 1907 (F. Haimbach) [5]. Framingham, July 11, 1906 (C. A. Frost) [1]. Bedford, July 1, 1907 [1].

PENNSYLVANIA: Philadelphia, July 5-8, 1914 (F. Haimbach) [2]. Lower Merion Township, Montgomery County, July 29, 1916 (F. Haimbach) [1].

NEW JERSEY: Jamesburg, July 4 (F. Haimbach) [1]. Brown's Mills Junction, June 27, 1919 (F. Haimbach) [1]. Cape May Point, July 3, 1916, July 29, 1915 (F. Haimbach) [2].

OHIO: Cincinnati, August 3, 1907 (A. F. Braun) [1].

WEST VIRGINIA: "W. Va." [1].

*CRAMBUS HORTUELLUS* var. *TOPIARIUS* Zeller.

MAINE: Orono [1].

UTAH: Vineyard, July 7-16, August 4, 1917 (Tom Spalding) [10].

*CRAMBUS HORTUELLUS* var. *VACHELLELLUS* Kearfott.

NEVADA: Verdi, June 1-10 (A. H. Vachell) [Paratype].

*CRAMBUS ALBELLUS* Clemens.

Without data: [Type, A. N. S. P., no. 7286 and 1 Paratype].

MASSACHUSETTS: Hyde Park, July 12 (F. Haimbach) [2].

PENNSYLVANIA: Roxboro, Philadelphia, June 13, 1915 (F. Haimbach) [2]. Hulmeville, Bucks County, June 26, 1920 (F. Haimbach) [2]. Emilie, Bucks County, July 4, 1924 (F. Haimbach) [6]. Langhorne, July 2 and 22 (F. Haimbach) [9]. Perkasio, June 18 (F. Haimbach) [4]. Pocono

Lake, July 25 and 28 (G. M. Greene) [2]. Rockville, July 5 and 22, 1915 (F. Haimbach) [2].

NEW JERSEY: Brown's Mills Junction, June 22, 1919 (F. Haimbach) [1].

MARYLAND: "Md." [1].

NORTH CAROLINA: Black Mountains, June 10 (W. Bentenmuller) [2].

OHIO: Cincinnati, August 24, 1903 (A. F. Braun) [1].

CRAMBUS BIGUTTELLUS Forbes.

PENNSYLVANIA: Smithtown, June 29, 1911 (F. Haimbach) [2].

NORTH CAROLINA: Black Mountains, July 6, 1912 (W. Beutenmiller) [1].

OHIO: Cincinnati, September 19, 1903 (A. F. Braun) [1].\*

CRAMBUS INNOTATELLUS Walker.

LABRADOR: *Crambus inornatellus* Clemens [Type no. 7565]. Upper St. Augustine River, August 5, 1912 (H. G. Bryant) [1].

CANADA: Alberta, Calgary, August, 1907 (H. S. King) [2]. Saskatchewan, Lloydminster, July 31 [2]. Manitoba, Aweme, July 12, 1907 [1]. Cartwright, July 20-24, August 8-13, 1907 (J. F. Heath) [5].

COLORADO: Platte Canyon (E. J. Oslar) [2].

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [4]. King & Bartlett Lake (P. Laurent) [1].

NEW HAMPSHIRE: June 17-19, 1929 (M. M. Cary); August 10-30 (M. M. Cary and F. Haimbach); September 1-10, 1928 (M. M. Cary) [16].

CRAMBUS TURBATELLUS (Walker).

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [7].

MASSACHUSETTS: Hyde Park, July 13, 1910 (F. Haimbach) [1].

PENNSYLVANIA: Rockville, July 5, 1915 (F. Haimbach) [1].

VIRGINIA: Mountain Lake Park, July 26-31, 1906 (A. F. Braun) [1].

OHIO: Cincinnati, July 25, 1909 (A. F. Braun) [1].

CRAMBUS ELEGANS Clemens.

Without data: [Type no. 7285 and 1 Paratype].

MASSACHUSETTS: Hyde Park, August 21, 1907 (F. Haimbach) [1].

\* This species was heretofore wrongly placed by me as *pusionellus* Zeller.



PENNSYLVANIA: Roxboro, Philadelphia, June 14-July 9 (F. Haimbach) [4]. Lower Merion Township, Montgomery County, June 26-July 24 (F. Haimbach) [7]. Swarthmore, September 9, 1915 (E. T. Cresson, Jr.) [2]. Langhorne, July 11-29, August 14 and September 11, 1922 (F. Haimbach) [5]. Edge Hill, June 25 (F. Haimbach) [1].

NEW JERSEY: Five Mile Beach, July 9, August 20-27 (F. Haimbach) [3].

VIRGINIA: Hot Springs, July 17-26 and August 11, 1916 (M. Hebard) [6].

WEST VIRGINIA: "W. Va." [1].

#### CRAMBUS POLINGI Kearfott.

ARIZONA: So. Ariz. (Poling) [Lectotype, A. N. S. P., no. 7192, by present designation].

#### CRAMBUS VULGIVAGELLUS Clemens.

Without data: [Type, A. N. S. P., no. 7289].

MASSACHUSETTS: Hyde Park, July 16-21 (F. Haimbach) [2].

NEW YORK: "N. Y." [3].

PENNSYLVANIA: Philadelphia, including Roxboro, September 6-15 (F. Haimbach) [7]. Lower Merion Township, Montgomery County, September 5-15 (F. Haimbach) [2]. Swarthmore, September 5, 1915 (E. T. Cresson, Jr.) [2]. Elwyn, September 17 (C. S. Wells) [1]. Langhorne, September 11, 1920 (F. Haimbach) [8].

NEW JERSEY: Lucaston, September 9 (F. Haimbach) [5].

TEXAS: October 17 [2].

OHIO: Cincinnati, September 3, 1902 (A. F. Braun) [1].

INDIANA: Bluffton, September 15, 1900 [1].

WISCONSIN: Crammoor, Wood County, August 25, 1907 (C. B. Hardenberg) [1].

COLORADO: Clear Creek, August 22, 1907 (E. J. Oslar) [2].

UTAH: Vineyard, August 9-11, 1917 (Tom Spalding) [2].

#### CRAMBUS PLUMBIFIMBRIELLUS Dyar.

CANADA: B. C., Kaslo, May, 1903 [1].

WASHINGTON: Pullman, July 7, 1898 (C. V. Piper [1; compared with type, H. G. Dyar]).

#### CRAMBUS DORSIPUNCTELLUS Kearfott.

COLORADO: Denver (E. J. Oslar) [3].

ARIZONA: Oracle, July 3, 1903 (E. J. Oslar) [1].

#### CRAMBUS RURICOLELLUS Zeller.

MASSACHUSETTS: Hyde Park, August 21-22, 1907 (F. Haimbach) [5].

PENNSYLVANIA: Roxboro, Philadelphia, September 6, 1917 (F. Haimbach) [3]. Lower Merion Township, Montgomery County, September 1-5 (F. Haimbach) [3]. Castle Rock, September 16 (F. Haimbach) [1]. Langhorne, September 11, 1922 (F. Haimbach) [1].

NEW JERSEY: Lucaston, September 7 (F. Haimbach) [1]. Angelsea, May 27, 1905 (F. Haimbach) [1].

OHIO: Cincinnati, September 2, 1903 (A. F. Braun) [1].

ILLINOIS: "Ill.", August 28-September 6 [3].

*CRAMBUS RURICOLELLUS* subspecies *canadellus* forma nov.

Generally darker than nintotypical form, and the median lines of primaries form two distinct dark brown bars. E. Chesley Allen in his "Some notes on the Crambinae of Nova Scotia",<sup>6</sup> refers to this dark form. The locality where I collected these specimens is within seeing distance of the Province of Ontario, for which reason I consider the name given an appropriate one.

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [♂: *Type*, A. N. S. P., no. 7186; ♀: same data, *Allotype*; 3 *Paratypes*; 8 other specimens].

*CRAMBUS TETTERELLUS* (Zincken).

Without data: *Crambus camurellus* Clemens [Type, A. N. S. P., no. 7296].

PENNSYLVANIA: Philadelphia, including Roxboro, June 3-29, July 26, August 2-20, September 10-12 (F. Haimbach) [19]. Lower Merion Township, Montgomery County, July 5-29, August 3-22, September 15 (F. Haimbach) [7]. Langhorne, May 29-June 7, July 20-29, September 8-11 (F. Haimbach) [11].

VIRGINIA: Hot Springs, August 11-12, 1916 (M. Hebard) [7].

WEST VIRGINIA: "W. Va." [1].

NORTH CAROLINA: Black Mountains, June 16-23, 1912 (W. Beutenmuller) [3].

TEXAS: "Tex.", May 13, August 17, September 17-23 [12].

*CRAMBUS DECORELLUS* (Zincken).

MASSACHUSETTS: Bedford, July 14, 1907 (L. W. Swett) [2]. Hyde Park, August 29, 1907 (F. Haimbach) [1].

NEW YORK: Katonah, West Chester County, July 15 (W. Beutenmuller) [1].

<sup>6</sup>Proceedings of the Entomological Society of Nova Scotia, 1917, pp. 92-94.

PENNSYLVANIA: Roxboro, Philadelphia, June 24, 1906 (F. Haimbach) [6]. Lower Merion Township, Montgomery County, June 16-July 5 (F. Haimbach) [10].

FLORIDA: Dunedin, March 23, 1920 (W. S. Blatchley) [1].

TEXAS: "Tex." [1].

*CRAMBUS COLORADELLUS* Fernald.

COLORADO: Clear Creek, June 27, 1906 (E. J. Oslar) [1].

NEW MEXICO: Jemez Mountains, 6400 feet, July 14-15, 1927; 6600 feet, September 4, 1915 (J. Woodgate) [3].

*CRAMBUS MUTABILIS* Clemens.

Without data: [Type, A. N. S. P., no. 7288; 1 Paratype].

MASSACHUSETTS: Framingham, July 16, 1906 [1].

NEW YORK: Katonah, West Chester County, July 15 (W. Beutenmuller) [2].

PENNSYLVANIA: Philadelphia, including Roxboro, June 2-29 (F. Haimbach) [12]. Lower Merion Township, Montgomery County, May 30-July 5, August 14, 1917 (F. Haimbach) [8]. Langhorne, June 5-8, July 29, 1922 (F. Haimbach) [7]. Honey Brook, Chester County, August 25, 1910 (W. W. Climenson) [1].

NEW JERSEY: Holly Beach, August 12, 1906 (F. Haimbach) [1]. Cape May, June 30, 1907 (F. Haimbach) [2].

NORTH CAROLINA: Black Mountains, June 21, 1912 (W. Beutenmuller) [2].

FLORIDA: Dunedin, March 15, April 17, 1920 (W. S. Blatchley) [2]. Homestead, May 14, 1915 (D. M. Castle) [1]. Enterprise, May 3, 1915 (D. M. Castle) [1].

TEXAS: April 27-29 [2].

MISSOURI: St. Louis (A. Busck) [1].

KANSAS: Douglass County, August (E. S. Tucker) [1].

COLORADO: Denver (E. J. Oslar) [2].

UTAH: Vineyard, July 11, 1917 (Tom Spalding) [1].

*CRAMBUS MURELLUS* Dyar.

Colored drawing from type by National Museum artist.

*CRAMBUS HEMIOCHIRELLUS* Zeller.

TEXAS: Galveston, May (F. H. Snow) [2].

*CRAMBUS HAYTIELLUS* (Zincken).

TEXAS: Brownsville, May 9 and 31, 1904 (H. S. Barber) [3].

*CRAMBUS NEVADELLUS* Kearfott.

NEVADA: Verdi, June 23-30 (A. H. Vachell) [Lectotype, A. N. S. P., no. 7193, by present designation].

UTAH: Vineyard, July 7-11, 1917 (Tom Spalding) [2].

*CRAMBUS UNDATUS* Grote.

CALIFORNIA: San Diego, February 2, 1908 (W. S. Wright) [1].

*CRAMBUS TRISECTUS* (Walker).

CANADA: Manitoba, Cartwright, August 31-September 4 (J. F. Heath) [9].

MASSACHUSETTS: Framingham, August 29, 1905 [1].

PENNSYLVANIA: Philadelphia, July 5, 1914 (F. Haimbach) [1]. Roxboro, Philadelphia, June 12, 1913 (F. Haimbach) [1]. Lower Merion Township, Montgomery County, June 1-10, July 6-25, August 6-16, September 5-27 (F. Haimbach) [14]. Honey Brook, Chester County, August 25, 1910 (F. Haimbach) [1].

NEW JERSEY: Five Mile Beach, August 20 (F. Haimbach) [1].

VIRGINIA: Hot Springs, July 10 and August 15, 1916 (M. Hebard) [2].

OHIO: Cincinnati, October 8, 1904 (A. F. Braun) [1].

INDIANA: Wells County, May 22, 1900 [1]. Bluffton, May 24, 1900 [1].

NEW MEXICO: Jemez Mountains, 6600 feet, August 30-September 9, 1915 (J. Woodgate) [4].

UTAH: Vineyard, August 11, 1907 (Tom Spalding) [2].

*CRAMBUS SIMPLICIELLUS* Kearfott.

ARKANSAS: Washington County, July-August (A. J. Brown) [Paratype].

PENNSYLVANIA: Philadelphia (F. Haimbach) [1].

*CRAMBUS DIMIDIATELLUS* Grote.

NEW MEXICO: Cloudcroft, June 17, 1902 (H. L. Viereck) [1].

*CRAMBUS CALIGINOSELLUS* Clemens.

Without data: [Type, A. N. S. P., no. 7283].

MASSACHUSETTS: Hyde Park, August 22, 1907 (F. Haimbach) [1]. Framingham, August 15, 1905 [1].

NEW YORK: Katonah, West Chester County, June 25 (W. Beutenmuller) [6].

PENNSYLVANIA: Roxboro, Philadelphia, June 16-22, July 3-10, August 2, 1915 (F. Haimbach) [14]. Lower Merion Township, Montgomery County, June 13-23, July 5-26, August 9-15 (F. Haimbach) [11]. Langhorne, June 5-7, July 20, 1922 (F. Haimbach) [4]. Weaver, July 21, 1917 (F. Haimbach) [1].

NEW JERSEY: Wenonah, July 19 (F. Haimbach) [1]. Five Mile Beach, July 9-17 (F. Haimbach) [2]. Cape May Point, July 24, 1914 (F. Haimbach) [2].

VIRGINIA: Hot Springs, July 26, August 6, 1916 (M. Hebard) [2].

NORTH CAROLINA: Black Mountains, July 23, 24, 1912 (W. Beutenmuller) [2].

*CRAMBUS ZEELLUS* Fernald.

PENNSYLVANIA: Weaver, July 21, 1917 (F. Haimbach) [1].

NEW JERSEY: Holly Beach, August 2, 1906 (F. Haimbach) [1].

OHIO: Cincinnati, July 16, 17 (A. F. Braun) [2].

MISSOURI: Kirkwood (Miss Murtfeldt) [1].

*CRAMBUS MODESTELLUS* Barnes and McDunnough.

NORTH CAROLINA: Black Mountains, June 4-28, 1912 (W. Beutenmuller) [4].

*CRAMBUS LUTEOLELLUS* Clemens.

MASSACHUSETTS: Hyde Park, July 8-16, 1910 (F. Haimbach) [2]. Framingham, July 21, 1906 [1].

NEW YORK: Katonah, West Chester County, June-July 15 (W. Beutenmuller) [4].

PENNSYLVANIA: Roxboro, Philadelphia, June 5-July 1 (F. Haimbach) [19]. Lower Merion Township, Montgomery County, June 17, July 1, 25 (F. Haimbach) [6]. Langhorne, June 7-July 16 (F. Haimbach) [12]. Weaver, July 21, 1917 (F. Haimbach) [5].

NEW JERSEY: Wenonah, July 15 (F. Haimbach) [1]. Five Mile Beach, June 28 (F. Haimbach) [1].

VIRGINIA: Hot Springs, August 12, 1916 (M. Hebard) [1].

NORTH CAROLINA: Black Mountains, July 5-26, 1912 (W. Beutenmuller) [2].

*CRAMBUS LUTEOLELLUS* var. *ULAE* Cockerell.

CANADA: Manitoba, Cartwright, July 27, 1908 (J. F. Heath) [1].

COLORADO: Golden, Chimney Gulch, July 15, 1904 (E. J. Oslar) [1]. Clear Creek (E. J. Oslar) [2].

## HAIMBACHIA PLACIDELLA (Haimbach).

PENNSYLVANIA: Philadelphia, July 6 (F. Haimbach) [Paratype (*Crambus placidellus*)]. Lower Merion Township, Montgomery County, June 25-28, 1921 (F. Haimbach) [2]. Tullytown, July 9, 1922 (F. Haimbach) [2].

NEW JERSEY: Wenonah, July 27 (F. Haimbach) [Paratype (*Crambus placidellus*)]. Wenonah, July 28 (F. Haimbach) [1].

## HAIMBACHIA SQUAMULELLA (Zeller).

PENNSYLVANIA: Lower Merion Township, Montgomery County, July 16-August 6 (F. Haimbach) [12].

NEW JERSEY: Wenonah, July 28 (F. Haimbach) [1]. Cape May Point, July 24-26 (F. Haimbach) [2].

GEORGIA: Kirkwood, July 23 [1].

NORTH CAROLINA: Black Mountains, July 22, 1912 (W. Beutenmuller) [1].

## THAUMATOPSIS MAGNIFICUS (Fernald).

COLORADO: Maniton, June 30 [1].

NEW MEXICO: Jemez Springs, June 24, 1916 (J. Woodgate) [1]. Jemez Mountains, 6600 feet, July 15, 1915 (J. Woodgate) [1].

## THAUMATOPSIS PEXELLUS (Zeller).

COLORADO: Denver (E. J. Oslar) [5]. Clear Creek, July 10, 1907 (E. J. Oslar) [4].

## THAUMATOPSIS PEXELLUS var. COLORADELLUS (Kearfott).

COLORADO: Puebla, September, 1899 [Lectotype, A. N. S. P., no. 7194, by present designation (*Thaumatopsis coloradella*)].

## THAUMATOPSIS GIBSONELLUS Kearfott.

CANADA: Ontario, Rostrevor, September 3, 1907 (Arthur Gibson) [♂: Lectotype, A. N. S. P., no. 7195, by present designation (*Thaumatopsis gibsonella*)]. Same locality and collector, September 5, 1907 [Paratype].

## THAUMATOPSIS EDONIS (Grote).

NEW JERSEY: Lucaston, September 9-15 (F. Haimbach) [6].

TEXAS: "Tex." [1].

*THAUMATOPSIS FERNALDELLUS* Kearfott.

CANADA: Manitoba, Cartwright, July 2-August 8 (J. F. Heath) [6].

COLORADO: Clear Creek, July 20, 1907 (E. J. Oslar) [1].

ARIZONA: San Bernardino Ranch, Cochise County, 3750 feet, August (F. H. Snow) [2].

UTAH: Vineyard, July 11-16, 1917 (Tom Spalding) [2]. Stockton, September 2, 1904 (Tom Spalding) [1].

*THAUMATOPSIS REPANDUS* (Grote).

UTAH: Vineyard, July 16, 1917 (Tom Spalding) [1].

*THAUMATOPSIS DAECKEELLUS* Kearfott.

NEW JERSEY: Lucaston, October 10, 1902 (E. Daecke) [ $\sigma$ : Lectotype, A. N. S. P., no. 7188, by present designation]. Same locality and collector, October 7, 1905 [Topotype].

*THAUMATOPSIS PECTINIFER* (Zeller).

TEXAS: Brownsville, June, July [2].

*EUFERNALDIA CADARELLA* (Druce).

ARIZONA: Huachuca Mountains, August 27, 1903 (E. J. Oslar) [5].

*OMMATOPTERYX TEXANA* (Robinson).

WASHINGTON: Pullman, July 12, 1898 (C. V. Piper) [2].

COLORADO: Clear Creek (E. J. Oslar) [3].

UTAH: Vineyard, August 7-11, 1917 (Tom Spalding) [4].

ARIZONA: San Bernardino Ranch, Cochise County, 3750 feet, August (F. H. Snow) [2].

NEW MEXICO: Albuquerque (E. J. Oslar) [1].

*ARGYRIA NIVALIS* (Drury).

CANADA: Toronto [2].

MAINE: Greenville, July 21-29, 1919 (F. Haimbach) [1]. Monmouth, June 27, 1905 [1].

MASSACHUSETTS: Hyde Park, July 12, 1910 (F. Haimbach) [1]. Framingham, July 14, 1906 [1].

PENNSYLVANIA: Philadelphia, mostly at Roxboro, June 20-29 (F. Haimbach) [7]. Lower Merion Township, Montgomery County, June 29-July 17 (F. Haimbach) [3].

NEW JERSEY: Five Mile Beach (F. Haimbach) [1]. Cape May, June 30, 1907 (F. Haimbach) [1].

VIRGINIA: Hot Springs, July 2-August 1, 1916 (M. Hebard) [6].

NORTH CAROLINA: Black Mountains, July 11-17, August 13, 1912 (W. Beutenmuller) [4].

TEXAS: March 13 [2].

NEBRASKA: Omaha, June 20, 1920 (R. A. Leussler) [1].  
Omaha (F. H. Marshall) [3].

ARGYRIA ARGENTANA (Martyu).

PENNSYLVANIA: "Pa." [1: *Argyria numulalis* Hübner].

NEW JERSEY: Wenonah, July 22 (F. Haimbach [4]). Sea Isle City, September 12, 1908 (F. Haimbach) [1]. Holly Beach, August 12, 1906 (F. Haimbach) [1]. Five Mile Beach, June 19, 1904, July 3, August 6 (F. Haimbach) [4]. Cape May, June 30, 1907 (F. Haimbach) [3]. Cape May Point, July 26, 1914 (F. Haimbach) [2].

FLORIDA: Dunedin, April 3-30 (W. S. Blatchley) [2]. Daytona, March, 1907 (P. Laurent) [2].

NEBRASKA: Omaha, July 20, 1910 (R. A. Leussler) [1].  
Omaha (F. H. Marshall) [3].

ARGYRIA AURATELLA (Clemens).

*Argyria critica* Forbes, new syn.

Forbes' description of *critica* agrees very well with Clemens' type of *auratella*, on which there is no trace of yellow on distal half of inner margin. Walker's description of *palchella* also makes no reference to the yellow marking on the distal, nor the inner, half of inner margin. Specimens which have this yellow marking along the inner margin are therefore a variety, which I do not consider worthy of a name, as both forms are taken together. On July 21, 1917, I collected a large series of this species at Weaver, Pennsylvania (near Harrisburg) in which the two forms were equally divided; the specimens were perfectly fresh, and must have emerged on that day, evidently from one brood. It appears to me to be a grade of intensity in pigmentation. Specimens collected by me at Southern New Jersey shore points are marked more intensely than those taken in Pennsylvania and more Northern points.

MASSACHUSETTS: "Mass." (S. H. Scudder, Jr.) [Type, A. N. S. P., no. 7284]. Framingham, August 8, 1907 (C. A. Frost) [1]. Hyde Park, July 8, 1910 (F. Haimbach) [1].

NEW YORK: Katonah, West Chester County, July (W. Beutenmuller) [1].

PENNSYLVANIA: Mount Airy, Philadelphia, July 28 (P. Laurent) [2 topotypes of *Argyria critica* Forbes]. Weaver, July 21, 1907 (F. Haimbach) [4].

NEW JERSEY: Wenonah, July 13-28 (F. Haimbach) [2].



Holly Beach, July 26, 1899 (F. Haimbach) [1]. Five Mile Beach, August 4 (F. Haimbach) [1]. Cape May Point, July 24, 1915 (F. Haimbach) [1].

*ARGYRIA LACTEELLA* (Fabricius).

FLORIDA: Dunedin, March 21-31, April 15, November 28 (W. S. Blatchley) [4].

*PLATYTES MULTILINEATELLA* (Hulst).

OHIO: Cincinnati, July 11, 1904 (A. F. Braun) [1].

FLORIDA: Melbourne, March (P. Laurent) [1]. Daytona, March (P. Laurent) [3].

*PLATYTES PANOLOPE* Dyar.

FLORIDA: Dunedin, March 29, 1921, April 28, 1920 (W. S. Blatchley) [2].

*PLATYTES? ALLENI* (Fernald).

PENNSYLVANIA: Philadelphia, June 2, 1914 (F. Haimbach), August (H. W. Wenzel) [2]. Lower Merion Township, Montgomery County, July 7-23, September 5 (F. Haimbach) [3].

NEW JERSEY: Sea Isle City, September 12, 1908 (F. Haimbach) [1].

*EOREUMA DENSELLUS* (Zeller).

PENNSYLVANIA: Lower Merion Township, Montgomery County, July 16-August 6 (F. Haimbach) [6]. Hulmeville, Bucks County, July 16, 1924 (F. Haimbach) [1].

TEXAS: May 20 [2].

*CHILO MULTIPUNCTELLUS* Kearfott.

ARIZONA: Carr Canyon, Huachuca Mountains, July, 1907 (H. A. Kaeber) [4].

*CHILO PURITELLUS* Kearfott.

ARIZONA: Carr Canyon, Huachuca Mountains, July, 1907 (H. A. Kaeber) [1].

*CHILO PLEJADELLUS* Zincken.

PENNSYLVANIA: Philadelphia, June 4-11, September 4 (F. Haimbach) [3]. Lower Merion Township, Montgomery County, August 14-29 (F. Haimbach) [4]. Tullytown, Bucks County, July 9, 1922 (F. Haimbach) [1].

*CHILO FORBESELLUS* Fernald.

NEW JERSEY: Anglesea, July 10 (P. Laurent) [1].

*IESTA LISETTA* Dyar.

FLORIDA: Dunedin, February 23, March 26-April 23 (W. S. Blatchley) [5].

*DIATRAEA SACCHARALIS* (Fabricius).

MEXICO: Vera Cruz (Koebele) [1].

*DIATRAENOPSIS DIFFERENTIALIS* (Fernald).

FLORIDA: Dunedin (W. S. Blatchley) [2].

*DIATRAENOPSIS IDALIS* (Fernald).

ILLINOIS: Chicago [1].

TEXAS: Brownsville, June [2].

*ALAMOGORDIA PARALLELA* (Kearfott).

NEW MEXICO: Alamogordo, April 26, 1902 (Viereck & Rehn) [♀: Allotype]. Same locality and collectors, April 26-May 4, 1902 [15 Paratypes].

*OCCIDENTALIA COMPTULATALIS* (Hulst).

CANADA: Cartwright, Manitoba, July 27, 1908 (J. F. Heath) [2].

UTAH: Vineyard, July 16-August 9, 1917 (Tom Spalding) [11].

COLORADO: Clear Creek, August 1, 1907 (E. J. Oslar) [1].

## EUROPEAN SPECIES.

*CRAMBUS COMBINELLUS* Schiffermüller.

AUSTRIA: Vienna (Staudinger) [1].

Without data [2].

*CRAMBUS COULONELLUS* Duponchel.

Pontresina, July 15, 16 (F. E. Lowe) [2]. Rochers de Naye, July 12, 1911 (F. E. Lowe) [1]. Courmayeur, July, 1902 (F. E. Lowe) [2]. Engelberg, July 16, 1901 [2]. Preda Albula, P., July, 1913 (F. E. Lowe) [1].

*CRAMBUS SPURIELLUS* Hübner.

Pontresina, July 15-29, 1907 (F. E. Lowe) [4]. Steinen Alp, Berisal, July 25, 1911 (F. E. Lowe) [2]. Simplon, July 23, 1911 [1]. Eclepeus, June 1907 (F. E. Lowe) [1].

*CRAMBUS INQUINATELLUS* Schiffermüller.

Blightwell Heath, Suffolk, August 8, 1908 [1]. Miraborne, August, 1906 [7].

*CRAMBUS SUBFLAVELLUS* Duponchel.

Vizzavona, July 19-30, 1914 (F. E. Lowe) [6]. Tattone, July, 1914 (F. E. Lowe) [2].

*CRAMBUS GENICULEUS* Haworth.

St. Peter Port, August 20, 1916 (F. E. Lowe) [1]. Guernsey, October 23-30 (F. E. Lowe) [7].

*CRAMBUS POLIELLUS* Treitschke.

Without data [2].

*CRAMBUS DELIELLUS* Hübner.

Potsdam Str. [1]. Without data [3].

*CRAMBUS LITHARGYRELLUS* Hübner.

Zermatt, August, 1898, at light [2].

*CRAMBUS TRISTELLUS* Schiffermüller.

Without data [11].

*CRAMBUS SELASELLUS* Hübner.

Harwich district, July, August (G. F. Mathew) [5].

*CRAMBUS LUTEELLUS* Schiffermüller.

Breslau (Staudinger) [2].

*CRAMBUS ZERMATTENSIS* Frey.

Zermatt Str. [1].

*CRAMBUS PERLELLUS* Scopoli.

Harwich district, July, 1910 (G. F. Mathew) [2]. Instow, July, 1907 (G. F. Mathew) [1]. Without data [12].

*CRAMBUS PERLELLUS* var. *WARRINGTONELLA* Stt.

Harwich district, July 5, 1911 (G. F. Mathew) [1]. Wimborne, August, 1906 [1]. Instow, June, 1909 (G. F. Mathew) [1]. Risley Moss, Lanca, July, 1903 [1]. Pontresina, July 16-30, 1910 (F. E. Lowe) [2].

*CRAMBUS ROSTELLUS* Laharpe.

Seisser Alp (Staudinger) [1]. Pontresina, July 16-30 (F. E. Lowe) [3].

## CRAMBUS SAXONELLUS Zincken.

Prague (Staudinger) [1]. Without data [2].

## CRAMBUS FULGIDELLUS Hübner.

Without data [2].

## CRAMBUS RADIELLUS Hübner.

Simplon, July 23, 1911 [4]. Laquinthal, July 14-22, 1911 (F. E. Lowe) [1]. Pontresina, July 13-30 (F. E. Lowe) [2]. Steiner Alp, Berisal, July 25, 1911 (F. E. Lowe) [1]. Without data [2].

## CRAMBUS MARGARITELLUS Hübner.

Risley Moss, Lanca, July, 1904 [8]. Without data [2].

## CRAMBUS PYRAMIDELLUS Treitschke

Preda Albula, P., July, 1913 (F. E. Lowe) [1]. Laguinthal, July 14-23, 1911 (F. E. Lowe) [1]. Trafoi, July, 1903 [1]. Mt. Pilatus, July 9, 1901 [2].

## CRAMBUS PAUPERELLUS Treitschke.

La Grave, July 25-August 1, 1909 (F. E. Lowe) [1].

## CRAMBUS CONCHELLUS Schiffermüller.

Rochers de Naye, July 12, 1911 (F. E. Lowe) [2]. Engelberg, July, 1901 [2]. Laquinthal, July 14-22, 1911 (F. E. Lowe) [2]. Val Tiniere, June, 1907 (F. E. Lowe) [1]. Meizingen, July 6, 1904 [1]. No. 63 5/56, (Boll) [2].

## CRAMBUS PINELLUS Linnaeus.

Nr. Wimborne, August, 1907 (G. F. Mathew) [8].

## CRAMBUS MYELLUS Hübner.

Without data [1].

## CRAMBUS SPECULALIS Hübner.

(Staudinger) [1].

## CRAMBUS LUCTIFERELLUS Hübner.

Trofoi, July, 1903 [1]. Laquinthal, July 14-22 (F. E. Lowe) [1]. Pontresina, July, 1907, 1912 (F. E. Lowe) [4].

## CRAMBUS CORSICELLUS Duponchel.

Tattona, July, 1914 (F. E. Lowe) [2].

## CRAMBUS FALSELLUS Schiffermüller.

Camford, S. W., 1873 [1]. Cambridge, July [4]. Boroden, Edleston (F. Bond) [2].

## CRAMBUS MACULALIS Zetterstedt.

Pontresina, July 16-30, 1910 (F. E. Lowe) [2].

## CRAMBUS CHRYSONUCELLUS Scopoli.

Without data [8].

## CRAMBUS CRATERELLUS Scopoli.

Without data [2].

## CRAMBUS LUCELLUS Herrich-Schäffer.

Bondol, Cote de Azur, June 11-20, 1913 (F. E. Lowe) [2].  
La Sté. Baume, July 12-15, 1914 (F. E. Lowe) [4].

## CRAMBUS HORTUELLUS Hübner.

New Forest (C. Galliver) [7]. Unst., 1895 (P. M. Bright) [1].

## CRAMBUS CULMELLUS Linnaeus.

Unst., 1895 (P. M. Bright) [5].

## CRAMBUS DELICATELLUS Zeller.

Digne, June 14-25, 1910, July 16, 1909 (F. E. Lowe) [4].  
Ste. Baume, June 25-July 2, 1912 (F. E. Lowe) [1].  
Martigny, June, 1907 (F. E. Lowe) [2].  
Vernet-Piz: Or., June 14-26, 1911 (F. E. Lowe) [1].

## CRAMBUS DUMETELLUS Hübner.

Lancashire Hodgk. (F. Bond) [6]. New Forest (F. Bond) [2].

## CRAMBUS PRATELLUS Linnaeus.

Pleinmont Gu., July, 1915 (F. E. Lowe) [8].

## CRAMBUS ALIENELLUS Zincken.

Without data [4]. 1 labeled "Sienig."

## CRAMBUS SILVELLUS Hübner.

July 27, '57 [2]. Without data [6].

## CRAMBUS ERICELLUS Hübner.

Without data [3].

## CRAMBUS PASCUELLUS Linnaeus.

Barum, July, 1905 [3]. Instow, June 26, 1908 (G. F. Mathew) [1]. Wicken, June 30, 1902 [3]. Beech Haven [1]. Neckar, Bischofsheim, B., June 25 (F. Weigand) [1].

## CRAMBUS ULIGINOSSELLUS Zeller.

Without data [12].

## CRAMBUS HAMELLUS Thunberg.

#31, August 31, '66 [3].

## PLATYTES CERUSSELLUS Schiffermüller.

Without data [7].

## PLATYTES ALPINELLUS Hübner.

Portsmouth, Moncraft, 1872 [4].

## EROMENE BELLA Hübner.

La Ste. Baume, June 22-29, 1913 (F. E. Lowe) [3]. Nans-Var., June 25-July 11, 1914 (F. E. Lowe) [2]. Bondol, Cote de Azur, June 11-20, 1914 (F. E. Lowe) [1].

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### Centenary of the Entomological Society of France.

The Entomological Society of France, founded in 1832, will soon celebrate its centenary at Paris and desires to give to this event all possible splendor.

The official ceremony of the centenary, the celebrations and excursions which will be arranged for this occasion will occur at the same time as the Fifth International Congress of Entomology, which will be held at Paris in 1932. Invitations will be sent to the entomological societies of the entire world and we hope that many delegates will take part in the festivities, the program and date of which will be fixed later.

But it seems to us that such celebrations should not be the only manifestation by our society on the hundredth year of its existence. It will be appropriate to crown the magnificent series of one hundred volumes of *Annales de la Société entomologique de France* by the publication of an extraserial "Centenary" volume, containing a history of our Society from its beginning and also original memoirs by our best French authors and the best known entomologists of foreign countries.

Moreover, our Society wishes to publish a *Catalogue raisonné* of the Coleoptera of France and to complete the general tables of the *Annales*, unfinished since 1890.

It is evident that the realization of so extensive a program is dependent upon the resources which our Society will have